STAT STAT STAT

ROUTING AND RECORD SHEET

SUBJECT: (Optional)			
FY 86 R&D Program			

FROM: DDA Planning Officer 7D18 HQ		EXTENSION	NO.
			DATE 12 Aug 83

TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		
1. ☐ ODP Mgt Staff, 2D0105				We've received a memo from DDS&T to initiate the FY 86 R&D program and we've also received sample generic statements. I've attached copies of the DDA memo which was sent to the office directors and copies of the sample statements.
2.				
3.				DDS&T Planning Division has suggested that we submit a smaller number of broader, generic requirements, rather than numerous specific statements.
4.				
5.				I'll be away 29 Aug - 9 Sept, but will ask someone on the Management Staff to send copies of the other requirements statements to you. Please plan to meet on Monday, 12 Sept at 3:00 p.m. in 7D32 to consolidate and assign priorities to the DA requirements statements.
6.				
7.				
8.				
9.				
10.				Attachment
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15.				

FORM 610 USE PREVIOUS EDITIONS

SECRET

Computer security increases in importance as the Agency relentlessly moves toward: more office automation; analytic models which increasingly will incorporate our most sensitive collective knowledge; and, on-line databases, remotely accessed and highly inter-related. Users will demand, and deserve, simple unified access to the broadest spectrum of computer tools and data. The high degree of network interconnection which this implies is as worrisome as it may be efficient. A major, sustained research effort must address the computer security problem with particular emphasis on the unique responsibility of the Director of Central Intelligence to protect sources and methods. Historically, the Agency has operated in a "policy high" computing context and has, therefore, been less concerned with "multi-level" security and more concerned with compartmentation. Research aimed at enforcing the "need-to-know" -- at finer not coarser resolution -- should be a high priority insofar as this may represent a unique Agency need.

SECRET

The Office of Security anticipates two system acquisition efforts in the next several years: an improved, computer-controlled building access system; and, the next generation polygraph. The proposed acquisition of these systems suggests several, long-lead research and development activities. These will likely include updated threat-definition studies, reviews of relevant technologies, and the design, development, and testing of prototype articles.

The access-control system should be both a replacement for the current system and an improvement of it. Replacement objectives include higher reliability, lower operations and maintenance costs, and the ability to handle higher throughput. Moreover, the acquisition and installations costs should be sufficiently low that the system can be easily extended to newly-acquired Agency spaces, used for segregation of internal spaces, vault access, and, perhaps, for registry receipting. Performance improvements include more positive authentication of individuals, prompt detection of mis-appropriated entry "keys", and improved record-keeping and associated analytic tools.

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S-E-C-R-E-T

15 September 1983

MEMORANDUM FOR: Chief, Planning Division, O/DDS&T

FROM: 25X1

                   DDA Planning Officer

SUBJECT: FY 1986 Research and Development Program

REFERENCE: Your Multiple Adse Memo dtd 4 Aug 83, Subject:
                 FY 86 R&D Planning Cycle

1. The attached statements of research and development requirements for the Directorate of Administration are submitted for your review and for forwarding to the research and development offices.

2. As you requested, we have provided fewer, broader, generic long-range requirements. For elaboration and clarification, we have included problem statements which address specific concerns within these generic topics. As in previous years, we have placed the polygraph research and development requirements in a separate category.

3. In view of the small number of generic categories submitted, we consider each category to be of Priority 1 rank. We expect multiple solution statements to be prepared for each of the generic categories. While we have tried to comply with your recommended format, we are concerned that these broad generic categories contain high and low specific priorities. To rank the generic categories against each other would undermine the possibility of needed research, should one entire generic category fail to be addressed. This approach can be used to develop a successful program only if all generic categories receive funding.

4. In order to further enhance the success of the research and development program, we encourage increased communication with the contact officers in this Directorate. We also request an update on the status of the FY 1985 program. This update will help us in our review of the proposed FY 1986 program and allow our offices to identify the appropriate contacts to support the research and development projects.
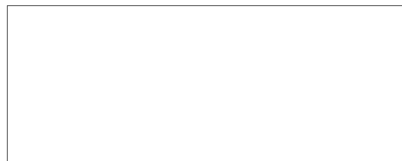
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5. We restate our interest in the Artificial Intelligence research and would like to see a proposed AI project in support of a requirement in this Directorate.

6. We look forward to the successful development of the FY 1986 research and development program.

25X1

Attachment

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S-E-C-R-E-T

DIRECTORATE OF ADMINISTRATION

RESEARCH AND DEVELOPMENT REQUIREMENTS

o   Security in the Electronic Office

o   Information/Communications Systems Security

o   Physical Security

o   Technical Security

o   Communications

o   General Computer Applications

o   Polygraph

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